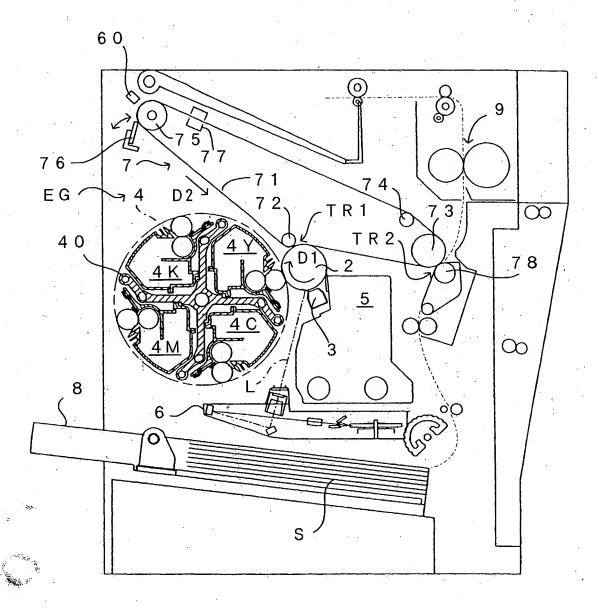
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FIG. 1



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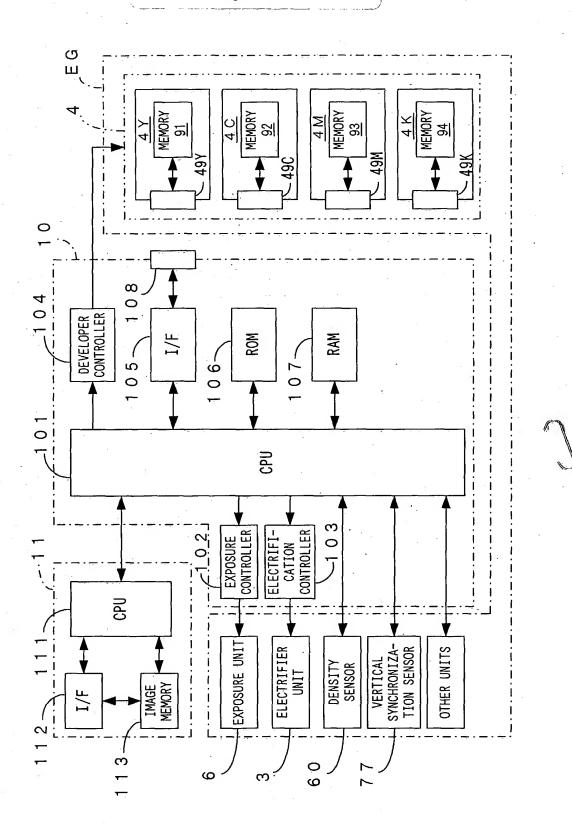
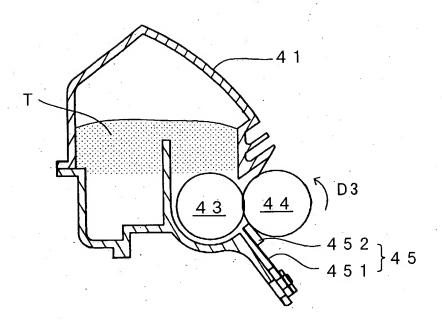


FIG. 2

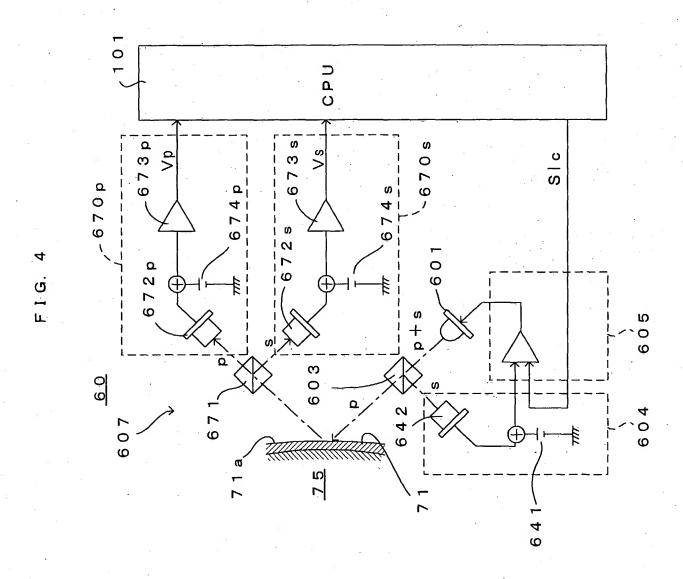
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FIG. 3

4K (4C, 4M, 4Y)

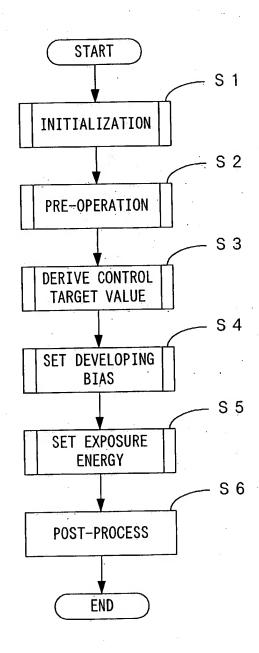


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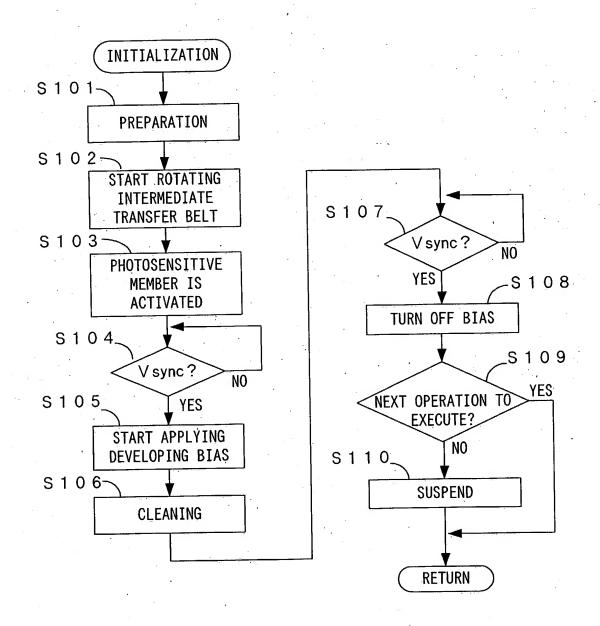
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FIG. 5



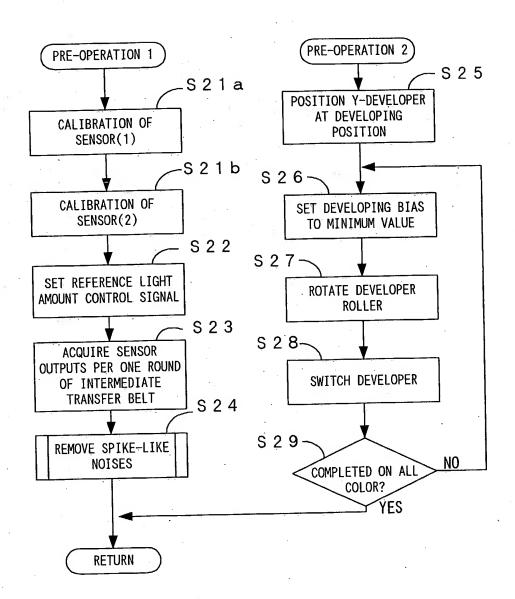
Hidetsugu SHIMURA, et al.Q76031 IMAGE FORMING APPARATUS.. Filing Date: July 17, 2003 Darryl Mexic 202-663-7909 Page 6 of 35

FIG. 6

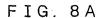


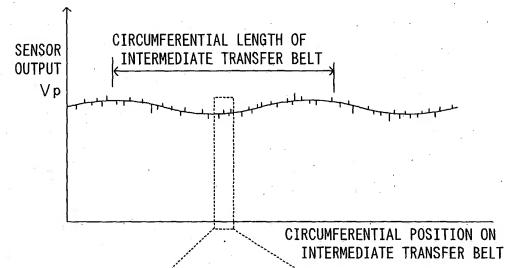
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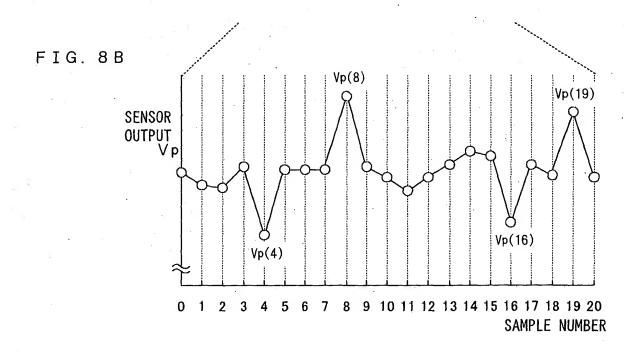
FIG. 7



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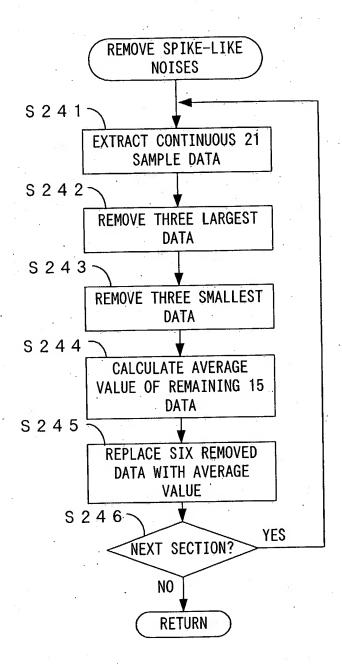






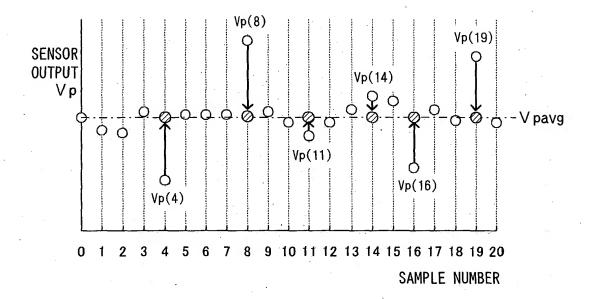
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FIG. 9



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FIG. 10



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FIG. 11A

INCIDENT LIGHT

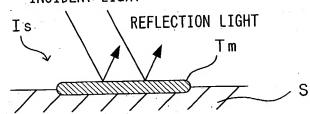


FIG. 11B

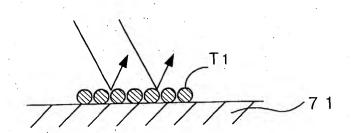
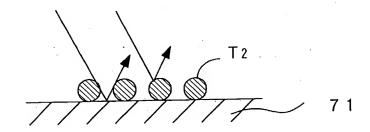


FIG. 11C



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FIG. 12A

DISTRIBUTION OF PARTICLE DIAMETER

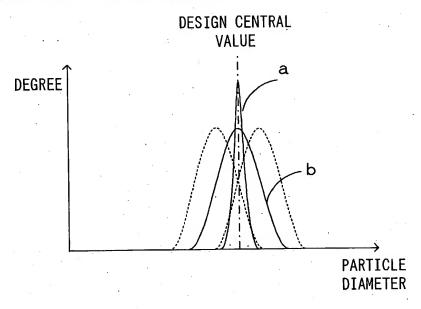
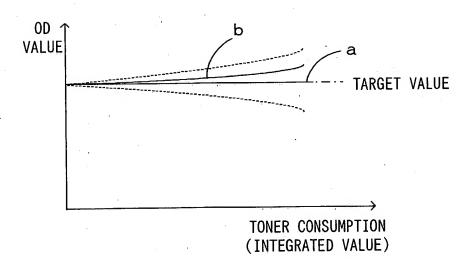


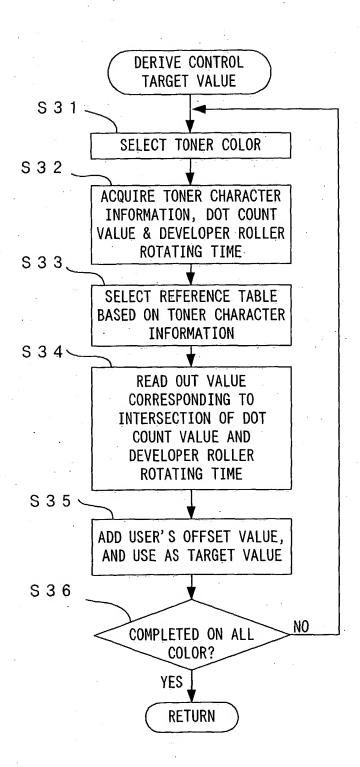
FIG. 12B

CHANGE IN OD VALUE



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FIG. 13



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FIG. 14A HIGH-DENSITY PATCH IMAGE

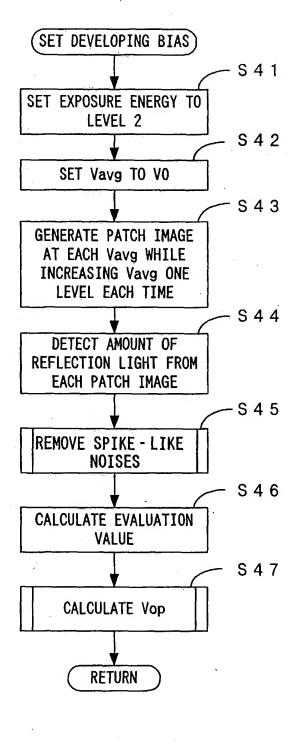
TONER CHARACTER INFORMATION ="0"		DEVELOPER ROLLER ROTATING TIME (sec)				
		~1325	~3975	~6625	~10600	
DOT COUNT VALUE	~1000000	0.990	0.988	0.984	0.982	
	~2000000	0.988	0.984	0.982	0.982	
	~666666	0.984	0.982	0.982	0.982	
	~12000000	0.982	0.982	0.982	0.982	

FIG. 14B LOW-DENSITY PATCH IMAGE

	·					
TONER CHARACTER INFORMATION = "0"		DEVELOPER ROLLER ROTATING TIME (sec)				
		~1325	~3975	~6625	~10600	
DOT COUNT VALUE	~1000000	0.185	0.182	0.181	0.180	
	~2000000	0.182	0.181	0.180	0.180	
	~6666666	0.181	0.180	0.180	0.180	
	~12000000	0.180	0.180	0.180	0.180	

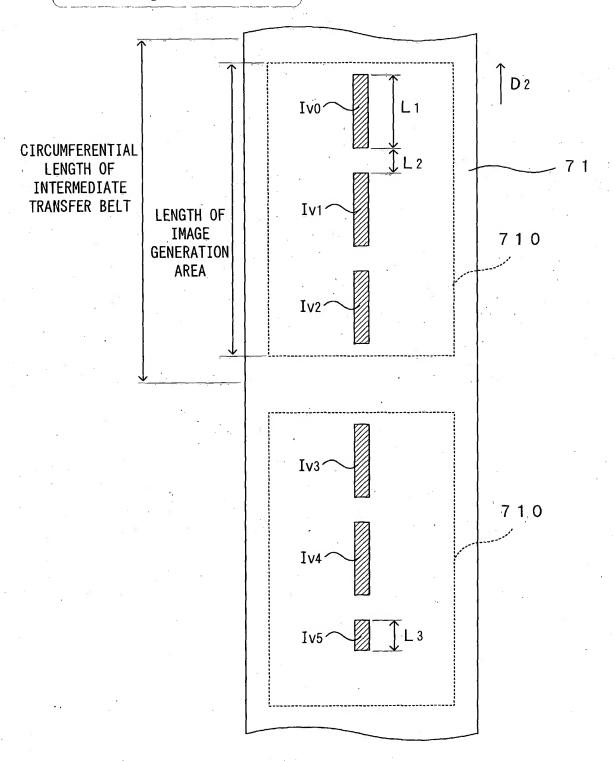
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FIG. 15

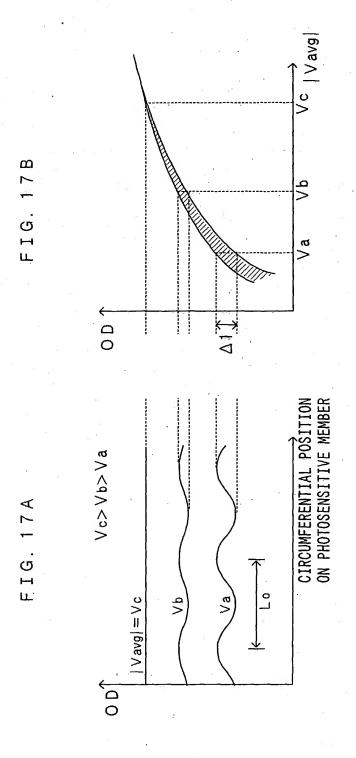


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IG. 16

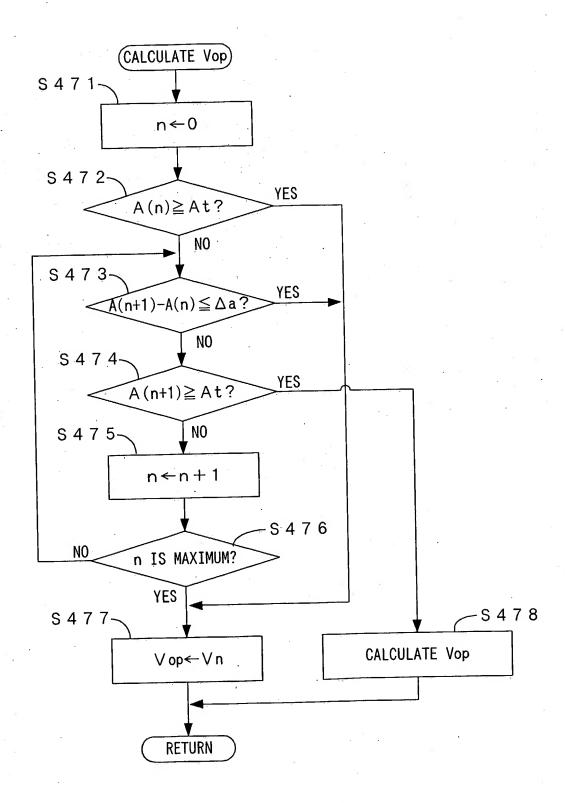


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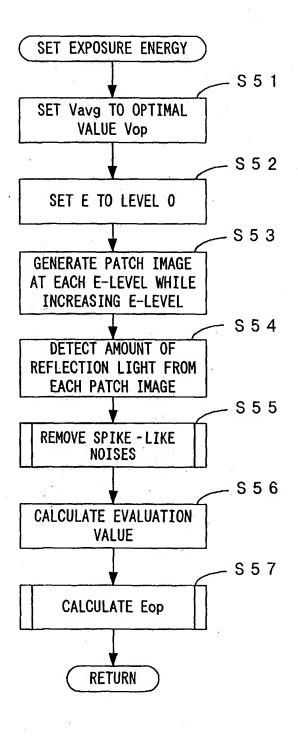
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FIG. 18



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FIG. 19



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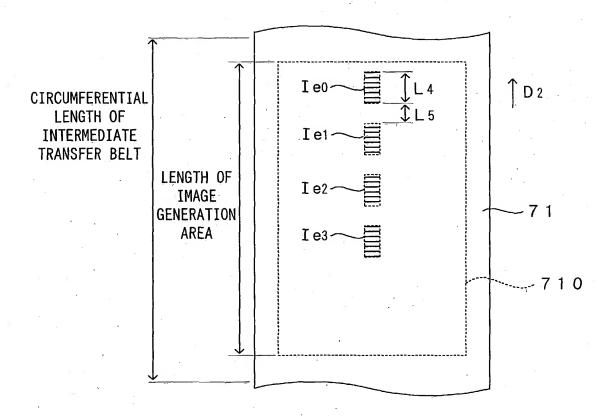
IMAGE FORMING APPARATUS..

Filing Date: July 17, 2003

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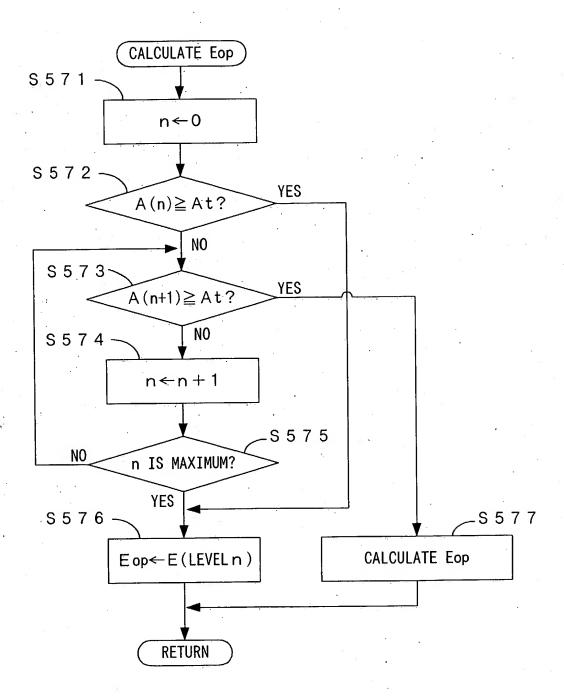
Darryl Mexic 202-663-7909

FIG. 20



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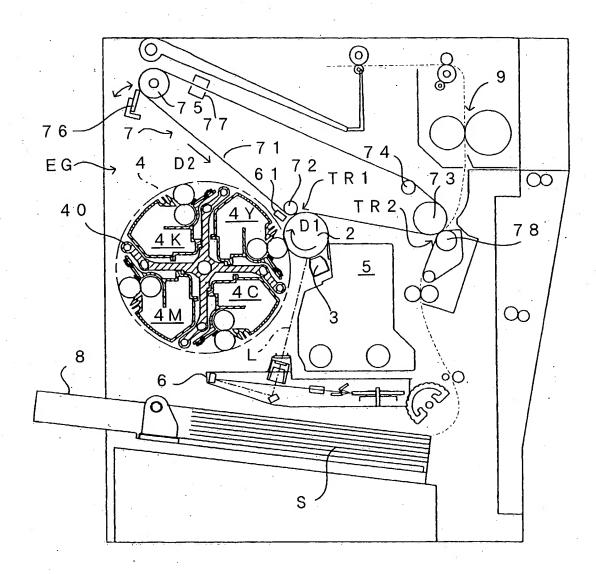
F.IG. 21



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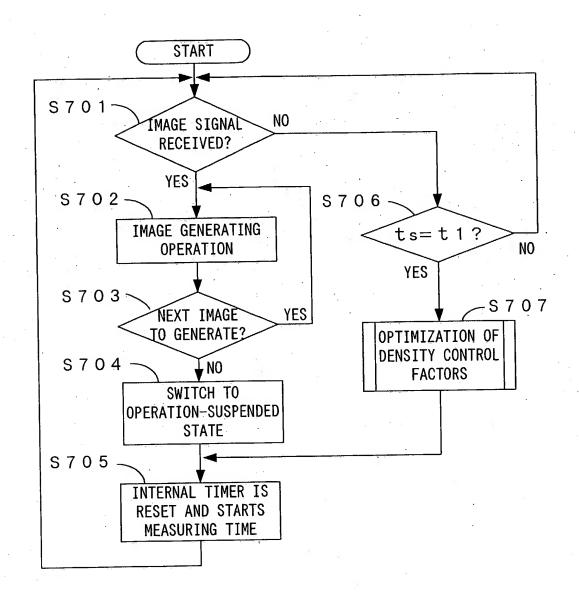
FIG. 22



a

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FIG. 23



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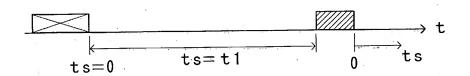
FIG. 24A $\underline{ts < t1}$ IMAGE GENERATING OPERATION

IMAGE SIGNAL OPTIMIZATION

RECEIVED t_1 t_2 t_3 t_4 t_5 t_5

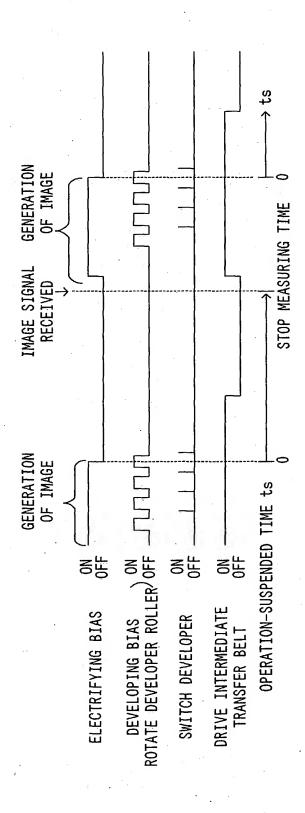
FIG. 24B

ts=t1



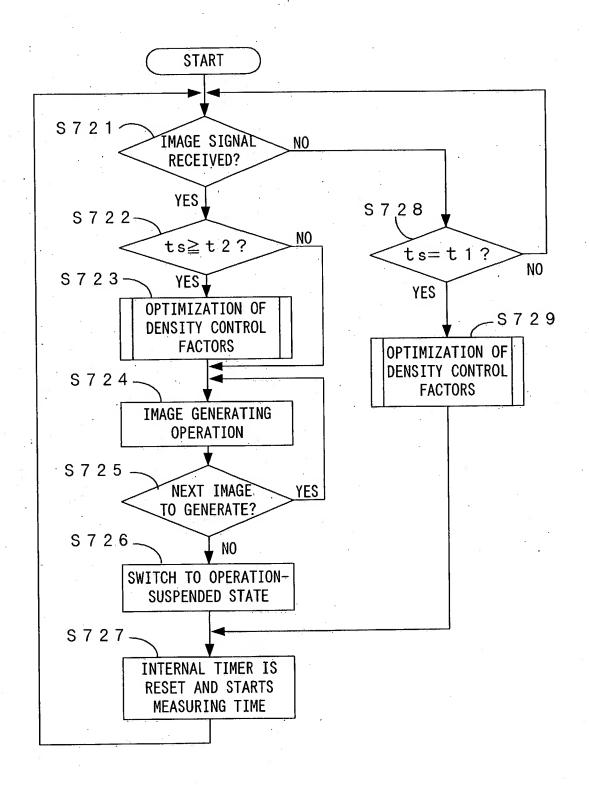


Ŋ



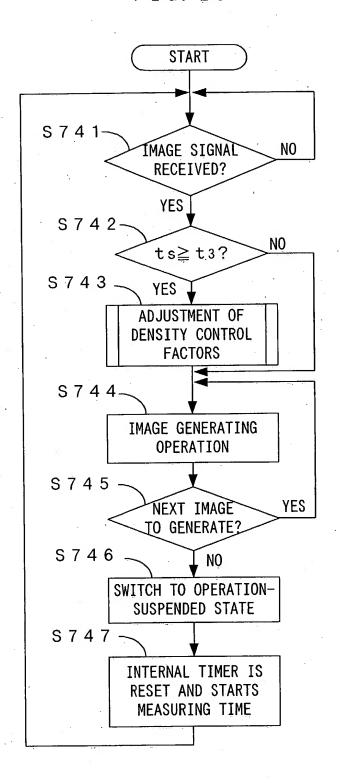
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FIG. 26



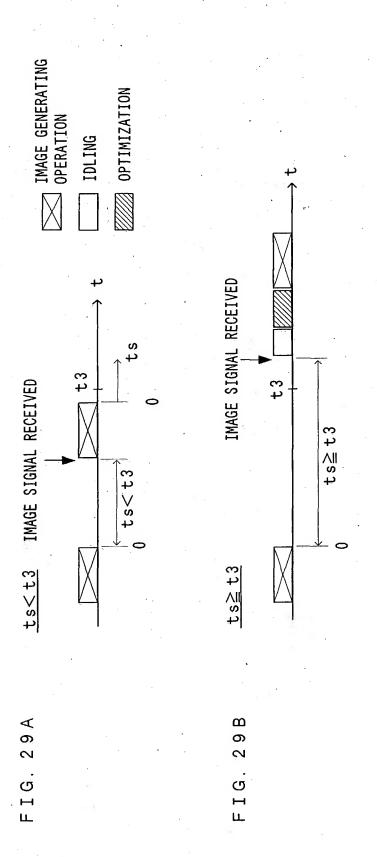
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FIG. 28



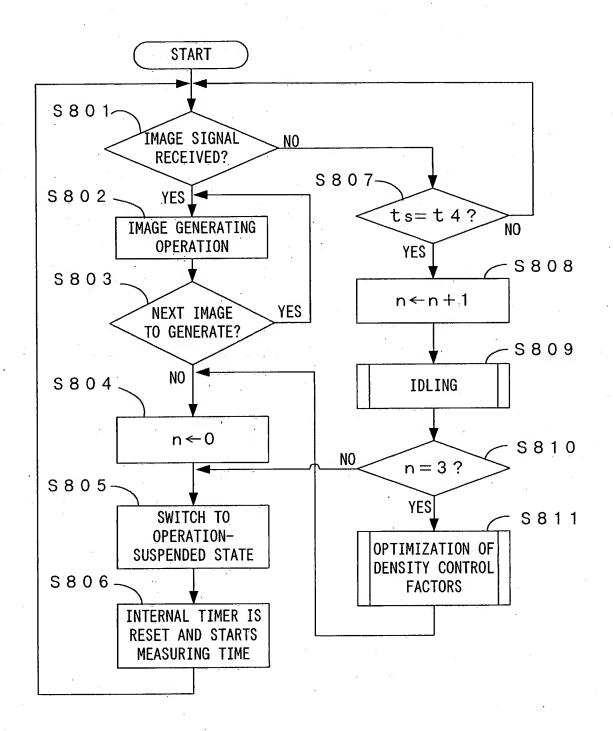
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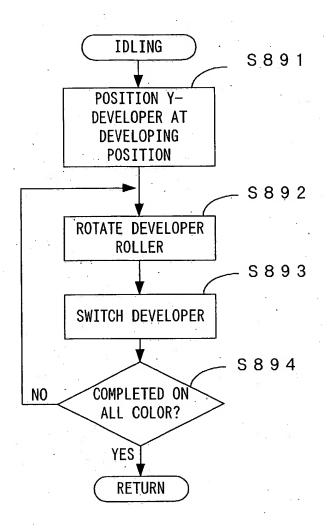
FIG. 30



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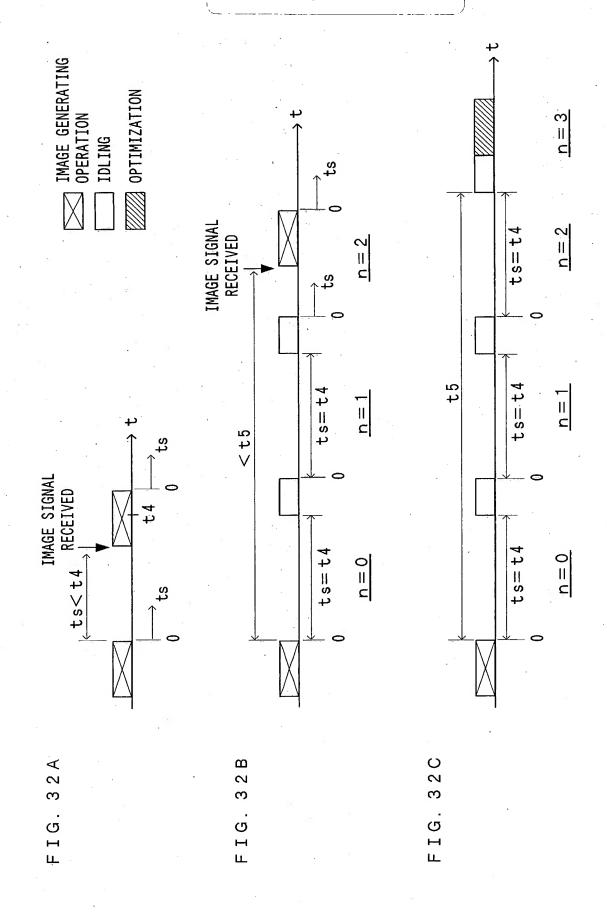
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FIG. 31



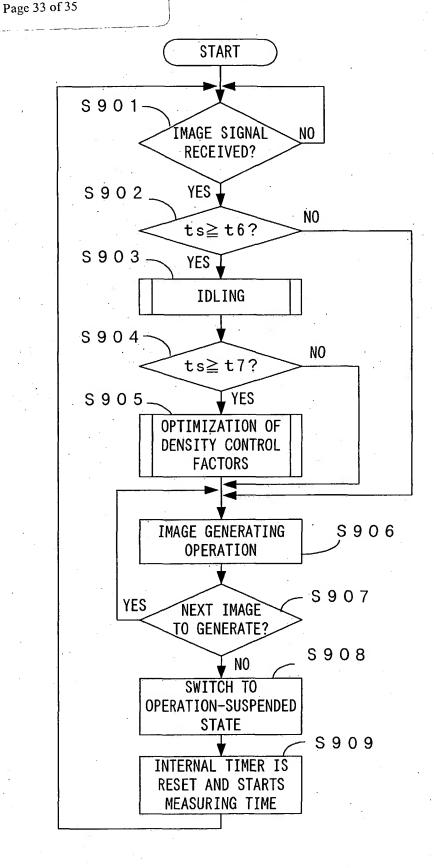
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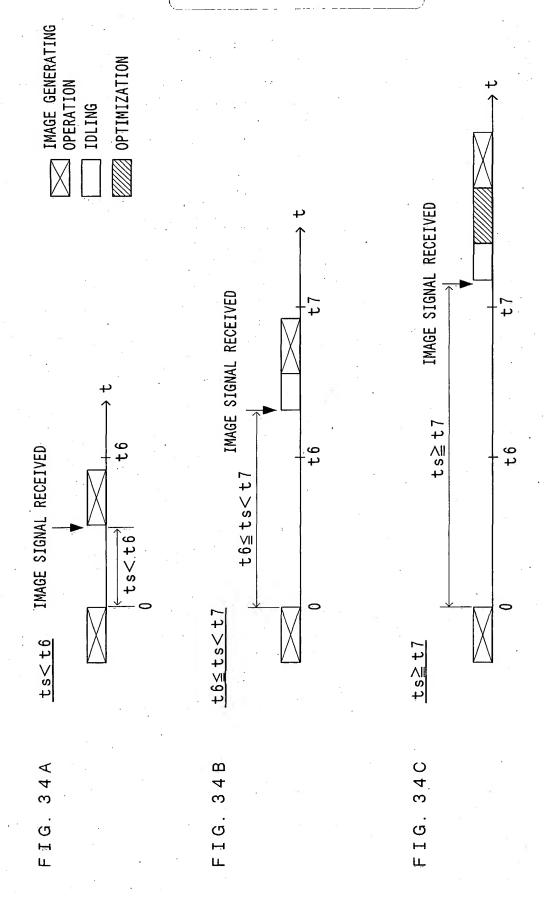


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FIG. 33



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